

Attachment 4. Budget

The following pages present a summary budget, followed by detailed budgets for each task. These tables show labor categories, hourly rates, labor time estimates, the non-State funding match, and the grant request for each task. The RWMG member agencies have carefully evaluated and developed the level of effort for each of the proposed tasks in the Work Plan. The cost estimates of consultants use labor rates from work already under contract for various efforts with the RWMG member agencies, including the IRWMP Update. The budget assumes a grant effective date of August 6, 2012 and was developed in conjunction with the schedule (Attachment 5) to accurately calculate a grant request from DWR.

The total proposal cost is \$1,493,045, with a local match of \$1,041,228 and total grant request of \$451,818.

The sources of the non-State funding match include:

- Task 1 – Additional Outreach and Collaboration
 - Local funding and in-kind labor from the Regional Water Management Group (RWMG) member agencies
- Task 2 – Regional Recycled Water Planning
 - Delta Diablo Sanitation District’s WaterSMART Grant from the U.S. Department of the Interior, Bureau of Reclamation (Reclamation)
 - Ironhouse Sanitary District’s WaterSMART Grant from Reclamation
 - Local funding and in-kind labor from the RWMG member agencies
- Task 3 – Regional Capacity Study
 - Contra Costa Water District’s WaterSMART Grant from Reclamation
 - Local funding and in-kind labor from the RWMG member agencies
- Task 4 – Integration of Tasks into IRWMP
 - Local funding and in-kind labor from the RWMG member agencies

This page left blank intentionally.

Budget Summary

Task	Non-State Share (Funding Match)	Requested Grant Funding (DWR Grant Amount)	Total Cost	% Funding Match
Task 1: Additional Outreach	\$ 58,165	\$ 18,941	\$ 77,106	75%
Task 2: Regional Recycled Water Planning	\$ 501,573	\$ 236,114	\$ 737,688	68%
Task 3: Regional Capacity Study	\$ 469,646	\$ 149,324	\$ 618,970	76%
Task 4: Integration of Tasks into IRWMP	\$ 11,843	\$ 25,180	\$ 37,023	32%
Task 5: Grant Administration	\$ -	\$ 22,258	\$ 22,258	0%
ESTIMATED PROJECT TOTALS :	\$ 1,041,228	\$ 451,818	\$ 1,493,045	70%

Note: the following amounts requested for grant funding provide direct benefit to Disadvantaged Communities (DACs). See Attachment 3 for detailed task descriptions.

Task 1	\$ 18,941
Task 2	\$ 161,292
Task 3	\$ 149,324
Total	\$ 329,557

East Contra Costa County IRWM Region

Task 1: Additional Outreach

Description	Hourly Rate	Quantity Hours			Total	Total Cost
		Task 1a: Expanded DAC Outreach	Task 1b: Website Enhancement	Task 1c: Increased Regional Collaboration		
CONTRA COSTA COUNTY HOURLY RATES						
Senior Hydrologist	\$205.39	32	8		40	\$8,216
Subtotal					40	\$8,216
ODCs						\$0
Total Contra Costa County Costs		\$6,572	\$1,643	\$0		\$8,216
CCWD HOURLY RATES						
Special Projects Manager	\$153.92	16			16	\$2,463
Grants Specialist	\$116.33	32	4	64	100	\$11,633
Web Developer	\$97.83		40		40	\$3,913
Subtotal					156	\$18,009
TRAVEL						\$0
Total CCWD Costs		\$6,185	\$4,379	\$7,445		\$18,009
CITY OF ANTIOCH HOURLY RATES						
Director Capital Improvements	\$205.36	16			16	\$3,286
Subtotal					16	\$3,286
ODCs						\$0
Total City of Antioch Costs		\$3,286	\$0	\$0		\$3,286
CONSULTANT HOURLY RATES						
Principal Engineer	\$180.00		20		20	\$3,600
Senior Engineer	\$160.00	48		72	120	\$19,200
Senior Web Developer	\$150.00		32		32	\$4,800
Engineer III	\$130.00	32		20	52	\$6,760
Junior Web Developer	\$125.00		20		20	\$2,500
Supervising Illustrator	\$117.00		20		20	\$2,340
Associate Professional	\$100.00	32		20	52	\$5,200
GIS/Graphics	\$100.00	4	8		12	\$1,200
Subtotal					328	\$45,600
Domain Name Registration			\$96			\$96
ASP.NET Website Hosting With SQL			\$600			\$600
Printing		\$50		\$50		\$100
TRAVEL		\$600		\$600		\$1,200
Total Consultant Costs		\$16,090	\$14,736	\$16,770		\$47,596
TOTAL PROJECT COSTS		\$32,134	\$20,758	\$24,215		\$77,106
Agency Funding Match *		\$13,193	\$20,758	\$24,215		\$58,165
Reclamation Funding		\$0	\$0	\$0		\$0
Requested Grant Funding		\$18,941	\$0	\$0		\$18,941

*Funding match is provided by the following agencies: Contra Costa County (\$4,929), CCWD (\$13,685), and agency funding for a consultant through the Regional Water Management Group (\$39,551).

Task 2: Regional Recycled Water Planning

Description	Hourly Rate	Quantity Hours																			Total	Total Cost	
		Task 2a: Regional Recycled Water Collaboration	Task 2b-1: Compile Background Information	Task 2b-2: Update & Refine Recycled Water Program Goals & Objectives	Task 2b-3: Water Reuse Opportunities and Alternative Water Supplies	Task 2b-4: Identify Regulatory Framework & Constraints	Task 2b-5: Recycled Water System Alternatives Analysis	Task 2b-6: Feasibility Study Report	Task 2b-7: Recycled Water Master Plan Report	Task 2b-8: Environmental Analysis (Initial Study)	Task 2b-9: Project Management and Reporting	Task 2b-10: Other Services	Task 2c-1: Prepare Recycled Water Master Plan	Task 2c-2: Water Quality and Market Development	Task 2c-3: Alternatives Refinement and Economic Analysis	Task 2c-4: Recommended Project Refinement	Task 2c-5: Environmental and Water Quality	Task 2c-6: Legal and Institutional Issues	Task 2c-7: Implementation/ Financing Plan	Task 2c-8: Report Preparation			Task 2c-9: Project Coordination and Management
DDSD HOURLY RATES																							
District Engineer	\$114.28	18																			18	\$2,057	
Principal Engineer	\$105.64									70											70	\$7,395	
Associate Engineer	\$89.63	18								350											368	\$32,984	
Subtotal																					456	\$42,436	
ODCs																						\$0	
Total DDS D Costs		\$3,670	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$38,765	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$42,436	
DDSD CONSULTANT HOURLY RATES																							
PIC	\$255.00		0		0	2	2	0	0	0	6	0									10	\$2,550	
PIM	\$255.00		16		4	4	20	12	6	26	32	22									142	\$36,210	
Lead-Environmental	\$220.00		0		0	0	0	0	0	374	14	24									412	\$90,640	
Lead-Treatment	\$245.00		0		2	0	50	12	6	0	14	4									88	\$21,560	
PE 3	\$185.00		22		20	0	78	28	16	24	36	34									258	\$47,730	
PE 1	\$160.00		0		0	10	36	32	12	120	10	12									232	\$37,120	
Advanced Treatment Specialist	\$225.00		0		0	0	22	0	0	0	2										24	\$5,400	
Graphics/CAD	\$125.00		0		0	0	16	16	4	40	0										76	\$9,500	
Admin.	\$105.00		0		0	0	8	2	12	20	15										57	\$5,985	
Subtotal																					1299	\$256,695	
Subcontractors			\$4,906		\$14,502	\$0	\$81,496	\$17,683	\$2,137	\$31,500	\$11,437	\$17,640										\$181,301	
ODCs			\$66		\$0	\$0	\$0	\$1,100	\$1,100	\$1,133	\$220	\$220										\$3,839	
Total DDS D Costs		\$0	\$13,122	\$0	\$19,712	\$3,130	\$127,336	\$37,293	\$12,877	\$152,283	\$38,142	\$37,940	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$441,835	
ISD HOURLY RATES																							
General Manager	\$117.71	18																			12	30	\$3,531
District Engineer	\$108.81	18											20	4	4	4	4	4	4	12	36	106	\$11,534
Subtotal																					136	\$15,065	
ODCs																						\$0	
Total ISD Costs		\$4,077	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,176	\$435	\$435	\$435	\$435	\$435	\$1,306	\$5,330	\$15,065	
ISD CONSULTANT HOURLY RATES																							
Principal	\$255.00												22	36	20	26	12	14	8	22	21	181	\$46,155
Project Manager	\$185.00												88	141	116	145	12	35	44	84	42	707	\$130,795
Project Engineer	\$175.00												102									102	\$17,850
CEQA/ NEPA Specialist	\$200.00															50						50	\$10,000
Graphics and Support	\$108.15												6									6	\$649
Financial Consultant	\$225.00																		120			120	\$27,000
Subtotal																					1166	\$232,449	
ODCs													\$220	\$330						\$100	\$165		\$815
Total ISD Consultant Costs		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$40,609	\$35,595	\$26,560	\$33,455	\$15,280	\$10,045	\$37,180	\$21,250	\$13,290	\$233,264	
CITY OF BRENTWOOD HOURLY RATES																							
Assist. Director of Public Works/Engr	\$282.66	18																				18	\$5,088
Subtotal																						18	\$5,088
ODCs																							\$0
Total City of Brentwood Costs		\$5,088	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,088	
TOTAL PROJECT COSTS		\$12,836	\$13,122	\$0	\$19,712	\$3,130	\$127,336	\$37,293	\$12,877	\$152,283	\$76,907	\$37,940	\$40,609	\$37,771	\$26,995	\$33,890	\$15,715	\$10,480	\$37,615	\$22,556	\$18,620	\$737,688	
Agency Funding Match *		\$0	\$7,044	\$0	\$10,581	\$1,680	\$68,353	\$20,019	\$6,912	\$0	\$28,772	\$0	\$26,955	\$25,071	\$17,918	\$0	\$0	\$5,000	\$0	\$0	\$12,359	\$230,665	
Reclamation Funding (DDSD and ISD)		\$0	\$6,078	\$0	\$9,131	\$1,450	\$58,983	\$17,274	\$5,965	\$70,538	\$19,363	\$0	\$13,654	\$12,700	\$9,077	\$11,395	\$5,284	\$3,524	\$12,648	\$7,584	\$6,261	\$270,908	
Requested Grant Funding		\$12,836	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$81,745	\$28,772	\$37,940	\$0	\$0	\$0	\$22,495	\$10,431	\$1,956	\$24,968	\$14,972	\$0	\$236,114	

*Funding match is provided by DDSD (\$143,361) and ISD (\$87,304), including funding for the respective consultants.

This page left blank intentionally.

East Contra Costa County IRWM Region

Task 3: Regional Capacity Study

Description	Hourly Rate	Quantity Hours						Total	Total Cost
		Task 3a - Project Management	Task 3b - Review of Available Information	Task 3c - Identify and Evaluate Potential Improvements	Task 3d - Preparation of Draft SOR Report	Task 3e - Preparation of Final SOR Report			
CCWD HOURLY RATES									
Assistant General Manager	\$193.91	4	2	12	4	2	24	\$4,654	
Special Projects Manager	\$153.92	40	16	24	40	20	140	\$21,549	
Principal Engineer	\$144.90	8	12	16	20	8	64	\$9,274	
Senior Water Resources Specialist	\$130.97	0	0	52	8	4	64	\$8,382	
Department Manager	\$177.86	0	4	8	4	2	18	\$3,201	
Water Conservation Supervisor	\$110.81	0	0	8	4	0	12	\$1,330	
Water Resources Manager	\$153.92	0	0	8	4	0	12	\$1,847	
Principal Planner	\$144.22	0	4	16	12	8	40	\$5,769	
Grants Specialist	\$116.33	16	0	0	4	0	20	\$2,327	
Associate Water Resources Specialist	\$119.15	0	0	88	8	0	96	\$11,438	
Associate Engineer	\$113.16	0	16	48	10	0	74	\$8,374	
Administrative Analyst	\$93.26	48	0	0	0	0	48	\$4,476	
Administrative Secretary	\$73.87	8	0	0	8	8	24	\$1,773	
Senior Clerk	\$65.88	12	0	0	16	5	33	\$2,174	
Subtotal							669	\$86,568	
TRAVEL		\$2,500.00						\$2,500	
Total CCWD Costs		\$18,311	\$7,688	\$36,915	\$18,574	\$7,579		\$89,068	
CITY OF ANTIOCH HOURLY RATES									
Director Public Works	\$205.36	24	8	24	12	8	76	\$15,607	
Operator	\$86.98	16	16	24	16	12	84	\$7,306	
Subtotal							160	\$22,914	
ODCs								\$0	
Total City of Antioch Costs		\$6,320	\$3,035	\$7,016	\$3,856	\$2,687		\$22,914	
CITY OF BRENTWOOD HOURLY RATES									
Assist. Director of Public Works/Ops	\$282.66	0	2	8	8	4	22	\$6,219	
Assist. Director of Public Works/Engr	\$282.66	4	2	8	8	4	26	\$7,349	
Water Operations Manager	\$211.61	4	16	16	12	8	56	\$11,850	
Subtotal							104	\$25,418	
ODCs								\$0	
Total City of Brentwood Costs		\$1,977	\$4,516	\$7,908	\$7,062	\$3,954		\$25,418	
DIABLO WATER DISTRICT HOURLY RATES									
General Manager	\$183.22	8	16	32	16	8	80	\$14,658	
Subtotal							80	\$14,658	
ODCs								\$0	
Total Diablo Water District Costs		\$1,466	\$2,932	\$5,863	\$2,932	\$1,466		\$14,658	
CITY OF PITTSBURG HOURLY RATES									
Director of Water Utilities	\$199.82	8	8	24	16	8	64	\$12,788	
Water Plant Supervisor	\$114.58	0	8	16	8	4	36	\$4,125	
Subtotal							100	\$16,913	
ODCs								\$0	
Total City of Pittsburg Costs		\$1,599	\$2,515	\$6,629	\$4,114	\$2,057		\$16,913	
CONSULTANT HOURLY RATES									
Senior Vice President	\$301.00	8	16	68	44	24	160	\$48,160	
Vice President	\$230.00	16	8	64	32	20	140	\$32,200	
Managing Engineer	\$216.00	24	24	40	124	48	260	\$56,160	
Principal Engineer	\$180.00	8	40	80	180	72	380	\$68,400	
Senior Engineer	\$160.00	0	120	120	240	80	560	\$89,600	
Principal Designer (CAD)	\$140.00	0	24	40	64	32	160	\$22,400	
Engineer III	\$130.00	0	120	160	320	85	685	\$89,050	
Supervising Illustrator	\$117.00	0	12	24	84	40	160	\$18,720	
Accountant II	\$82.00	90	0	0	0	0	90	\$7,380	
Word Processing IV	\$81.00	16	8	16	80	40	160	\$12,960	
Subtotal							2755	\$445,030	
TRAVEL		\$4,970						\$4,970	
Total Consultant Costs		\$26,358	\$59,252	\$107,932	\$185,056	\$71,402		\$450,000	
TOTAL PROJECT COSTS		\$56,031	\$79,938	\$172,263	\$221,594	\$89,145		\$618,970	
Agency Funding Match *		\$27,064	\$42,890	\$78,720	\$123,371	\$47,601		\$319,646	
Reclamation Funding		\$13,578	\$19,372	\$41,746	\$53,701	\$21,603		\$150,000	
Requested Grant Funding		\$15,389	\$17,676	\$51,797	\$44,522	\$19,940		\$149,324	

*Funding match is provided by CCWD (\$319,646), which includes funding for a consultant.

East Contra Costa County IRWM Region

Task 4: Integration of Tasks into IRWMP

Description	Hourly Rate	Quantity Hours		
		Task 4: Integration of Tasks into IRWMP	Total	Total Cost
CONTRA COSTA COUNTY HOURLY RATES				
Senior Hydrologist	\$205.39	8	8	\$1,643
Subtotal		8	8	\$1,643
ODCs				\$0
Total Contra Costa County Costs		\$1,643		\$1,643
CCWD HOURLY RATES				
Principal Planner	\$144.22	8	8	\$1,154
Grants Specialist	\$116.33	8	8	\$931
Subtotal		16	16	\$2,084
TRAVEL				\$0
Total CCWD Costs		\$2,084		\$2,084
DDSD HOURLY RATES				
Principal Engineer	\$105.64	8	8	\$845
Subtotal		8	8	\$845
ODCs				\$0
Total DDSD Costs		\$845		\$845
ISD HOURLY RATES				
District Engineer	\$108.81	8	8	\$870
Subtotal		8	8	\$870
ODCs				\$0
Total ISD Costs		\$870		\$870
CITY OF ANTIOCH HOURLY RATES				
Director Capital Improvements	\$205.36	8	8	\$1,643
Subtotal		8	8	\$1,643
ODCs				\$0
Total City of Antioch Costs		\$1,643		\$1,643
CITY OF BRENTWOOD HOURLY RATES				
Water Operations Manager	\$211.61	8	8	\$1,693
Subtotal		8	8	\$1,693
ODCs				\$0
Total City of Brentwood Costs		\$1,693		\$1,693
DIABLO WATER DISTRICT HOURLY RATES				
General Manager	\$183.22	8	8	\$1,466
Subtotal		8	8	\$1,466
ODCs				\$0
Total Diablo Water District Costs		\$1,466		\$1,466
CITY OF PITTSBURG HOURLY RATES				
Director of Water Utilities	\$199.82	8	8	\$1,599
Subtotal		8	8	\$1,599
ODCs				\$0
Total City of Pittsburg Costs		\$1,599		\$1,599
CONSULTANT HOURLY RATES				
Principal Engineer	\$180.00	16	16	\$2,880
Senior Engineer	\$160.00	60	60	\$9,600
Engineer III	\$130.00	40	40	\$5,200
Professional	\$125.00	60	60	\$7,500
Subtotal		176	176	\$25,180
Total Consultant Costs		\$25,180		\$25,180
TOTAL PROJECT COSTS		\$37,023		\$37,023
Agency Funding Match *		\$11,843		\$11,843
Reclamation Funding		\$0		\$0
Requested Grant Funding		\$25,180		\$25,180

*Funding match is provided by the following agencies: Contra Costa County (\$1,643), CCWD (\$2,084), DDSD (\$845), ISD (\$870), Antioch (\$1,643), Brentwood (\$1,693), DWD (\$1,466), and Pittsburg (\$1,599)

Task 5: Grant Administration

Description	Hourly Rate	Quantity Hours			Total	Total Cost
		Task 5a: Prop. 84 Funding Agreement Administration	Task 5b: Consultant Contract Administration	Task 5c: Quarterly and Final Reporting		
CCWD HOURLY RATES						
Special Projects Manager	\$153.92	6	4	5	15	\$2,309
Principal Planner	\$144.22	6	4	5	15	\$2,163
Grants Specialist	\$116.33	44	44	20	108	\$12,564
Administrative Analyst	\$93.26	8	38	10	56	\$5,223
Subtotal					194	\$22,258
TRAVEL						\$0
Total CCWD Costs		\$7,653	\$9,855	\$4,750		\$22,258
TOTAL PROJECT COSTS		\$7,653	\$9,855	\$4,750		\$22,258
Agency Funding Match		\$0	\$0	\$0		\$0
Reclamation Funding (DDSD and ISD)		\$0	\$0	\$0		\$0
Requested Grant Funding		\$7,653	\$9,855	\$4,750		\$22,258

